

Environmental Activity

Evaluation of the fiscal 2006 Environmental Action Plan and Environmental Accounting / Fiscal 2007 Environmental Action Plan

Evaluation of fiscal 2006 performance
 ●: Target achieved ▲: Needs improvement

Category	Subcategories	Main initiatives and results in fiscal 2006	Rating of results	Cost of environmental preservation			
				Fiscal 2005		Fiscal 2006	
				Cost	Investment	Cost	Investment
Eco-Mind & Global Environmental Management	1. Environmental management promotion	Ranked first for four consecutive years in the trading company category of the Environmental Management Survey conducted by Nihon Keizai Shinbun Inc.	●				
	2. GREEN 21 Ver. 3	Green point: 815 points, including affiliated companies (target: 768 points)	●	355	—	398	—
	3. Solid environmental management system	Obtained a certification of Hitachi environmental promotion organization management system Appeal to overseas offices to promote environmental management	●				
	4. Environmental education	Environmental e-learning in the group of sales sections Education according to rank-specific trainings	●	53	—	61	—
Next-Generation Products and Services	1. Eco-Products	Registered 16 new products and achieved Eco-Products ratio of 76% (target: 70%) Selected 5 Super Eco-Products	●				
	2. Promotion of control of hazardous substances used in products	Promotion of managing the harmful chemical substance contained products complying with European and Chinese RoHS and other regulations, and of making systems for it. Achieved almost 100 % of Green Supplier ratio.	●	1,193	—	987	—
	3. Promotion of sustainable business	Promotion of the sales of Eco-Products Promotion of Eco-Service (ex. Collected SF6)	●				
Super Eco-Factories & Offices	1. Global warming prevention	Reduced CO ₂ emissions per unit of production by 36 % compared to base year Reduced electric power consumption at the headquarters building resulting in a 10.5% reduction in energy use compared to the fiscal year 2000 Promotion of "TEAM Minus 6 %" activity in the entire group	●	12	354	190	86
	2. Promotion of resource-cycle use	Zero emissions achieved at Shonan Division The headquarters started using the recycling route for zero emission	●				
	3. Chemical substance management	Conducted a measurement of VOC density Planned to reduce VOC emission	●	165	6	152	—
	4. Eco-Factories maintenance, etc.	Maintenance of Eco-Factories and examination to introduce super Eco-Factories etc.	●	478	30	543	23
Worldwide Environmental Partnerships	1. Environmental communication	Published CSR Report 2006, sent all stockholders, distributed at business exhibitions Issued Naka Division Site Report Exhibited the tabletop microscope at "Eco-Products 2006"	●				
	2. Global citizenship activity	Communicated with local communities at each division facility Cut the undergrowth in the Hitachi High-Technologies Yasato Forest	●	19	—	16	—
Total				2,275	390	2,347	109

● We had no violations of environmental laws and regulations. We responded appropriately to comments and complaints from outside the company.

● Environmental accounting tabulation standards

1) Scope: Hitachi High-Technologies Corporation (Headquarters, domestic branch offices and divisions), domestic affiliated companies of manufacturing and sales. (partly)

2) Reporting period: April 1st, 2006 – March 31st, 2007

3) Costs: labor, R&D, depreciation etc. * Compound costs (combination costs for environmental protection and other purposes) are calculated on the basis of apportionment by extracting parts specific to the purpose of environ

4) Result: Effect on real income: income obtained through activities related to environmental preservation. Effect on cost reduction: The cost reduced by the environmental load reduction plan. (Not including deemed reduction)

(Unit: million yen/year)

Results in fiscal 2006		Main environmental initiatives in fiscal 2007
Real income	Cost reduction	
—	—	Keep being in a higher rank of the Environmental Management Survey
—	—	Gain 896 Green Points
—	—	Continuous correspondence to Hitachi Group environmental promotion organization management system Make plan of the promotion of environmental management at overseas offices
—	—	E-learning of environmental education to all employees of Hitachi High-Technologies Group
—	—	Achieve 72 % or more application of Eco-Products Achieve 8 % or more registration ratio of Super Eco-Products
—	—	Promotion of nonuse of harmful chemical substances in products, in accordance with laws and regulations of other countries continuously
—	—	Promotion of business model to lighten environmental load for the next generation as planned
—	64	Reduce CO ₂ emissions per unit of domestic production by 21 % (fiscal 1990 standard)
48	3	Reduce industrial waste by 14 % (fiscal year 2000 standard) Promotion of recycling material by 4 % (fiscal 2005 standard) Achieve zero emission at headquarters
—	16	Plan the density regulation measure according to Air pollution law for targeted facilities Reduce VOC emission
—	16	Implemented Eco-Factories maintenance measures
—	—	Promotion of continuous communication with stakeholders Publish CSR report (issue newly Chinese version) and Environmental site report Implement of factory open houses and site tours, and complying with survey requests Consideration of exhibiting our products to “Eco-Products Tokyo” and other international exhibition
—	—	Contribution to environmental social activities through planning volunteer activities and active participations to local volunteer activities
48	83	

mental protection.

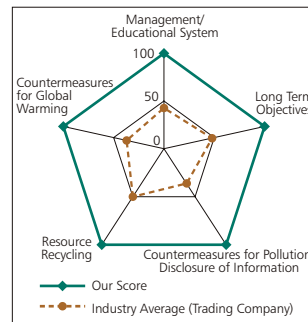
Environmental Activity Highlights

Ranked first for consecutive 4 years in the trading company category of the 10th Environmental Management Survey

In the 10th Environmental Management Survey conducted by Nihon Keizai Shinbun Inc., we received the first prize in the trading company category again.

All the efforts of the entire Hitachi High-Technologies Group received high scores in management, educational system, countermeasures for pollution, and disclosure of information.

We will continue to make efforts to improve our environmental activities.



“Practical application of PCB sequent online measurement technology” received the Best Award of Environmental Award

Hitachi High-Tech Control Systems received the best award by “Practical application of PCB sequent online measurement technology” in the “33rd Environmental Award” conducted by Hitachi Environmental Foundation and Nikkan Kougyou Shinbun Inc. The monitors set in each PCB treatment plant can measure emission gas for 24 hours and plays a role for the safe disposal of PCB.



Exhibited Hitachi Tabletop Microscope TM-1000 at “Eco-Products 2006”

In December 2006, we exhibited our Eco-Product, the Hitachi Tabletop Microscope TM-1000 at an environmental preservation related exhibition in Japan called “Eco-Products 2006”. This large-scale exhibition was held at the Tokyo Big Site. Through this exhibition we were able to introduce 150 visitors ranging from elementary school aged students to adults to our environmental contribution and micro-worlds found with our microscope.

